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Lance D Burger* (lburger@mail.fresnostate.edu). *Towards a Lacanian Critique in Mathematics Education: The University Discourse and Current Work*. Preliminary report.

After introducing some Lacanian terminology and theory of discourses by example of the University discourse, this talk discusses an extension of Lacan's four discourses to a total of twenty four by allowing the usual symbols (defined as numbers) $S_1 \equiv 1$, $S_2 \equiv 2$, $a \equiv 3$ and $\$ \equiv 4$; to occupy any of the four possible positions in Lacan's matrix of Truth-Agent-Other-Production, as permutations of an identity element in a theorized isomorphic group-theoretic model, based on an 'Unconscious' discourse defined as the group identity element and the usual operation of cycle composition symbolically representing how two discourses compose through their interleaved mapping to another discourse. Results include a conjecture for an inverse 'Socialist' discourse, complementing Lacan's fifth Capitalist discourse, permutation subgroups suggesting different organizations for 'universes of discourse,' and applications to the field of mathematics education. A central motivation for this endeavor is to refine the applicability of Lacan's four discourses and thus widen the theory's scope through the addition of twenty more discourses, functioning within a model having interactions. (Received February 27, 2020)